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Due Date: May 26, 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Daniel E. Afar et al. Examiner: G. Nickol  
Serial No.: 09/323,597 Group Art Unit: 1642  
Filed: June 1, 1999 Docket: 129.8USU1  
Title: NOVEL TUMOR ANTIGEN USEFUL IN DIAGNOSIS AND THERAPY OF  
PROSTATE AND COLON CANCER

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on May 25, 2000.

By: William J. Wood  
Name: William J. Wood

RESPONSE TO RESTRICTION REQUIREMENT AND AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated April 26, 2000, please amend the above-identified application as follows:

IN THE CLAIMS

✓ / Please cancel claims 6-19 and add claims 20-31. ✓ / Claims 1-5 and 20-31 remain in the application.

1. (Unchanged) An isolated 20P1F12/TMPRSS2 protein having an amino acid sequence shown in Fig. 1 (SEQ ID NO. 2).
2. (Unchanged) An isolated polynucleotide selected from the group consisting of (a) a polynucleotide having the sequence as shown in Fig. 1 (SEQ ID NO. 1), wherein T can also be U; (b) a polynucleotide encoding a 20P1F12/TMPRSS2 polypeptide whose sequence is encoded by the cDNA contained in plasmid p20P1F12-GTC1 as deposited with American